

### **AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A capturing apparatus for capturing flying insects, comprising:
  - a UV light;
  - a birdlime cartridge;
  - a birdlime configured to be wound to the birdlime cartridge; and
  - a winding means configured to wind the birdlime at a variable speed
  - a camera to provide an image of a surface of the birdlime;
  - a controller to control a speed of the winding means on the base of the image signal data of the camera; and
  - a monitoring system to inform a controlling condition of the flying insects by sending the image signal data of the camera to a system located in a remote place.
2. (Currently amended) The capturing apparatus according to Claim 1 ~~wherein a speed of the winding means is determined depending on an amount of the insects captured on the birdlime,~~ wherein the camera senses an intensity of the surface image of the birdlime on which the flying insects are captured, and the controller controls the winding means to wind the birdlime faster or slower according to an amount of the captured flying insects based on the intensity.
3. (Canceled)
4. (Original) The capturing apparatus according to Claim 1 further comprising a display means for displaying information related to a replacement timing of the birdlime.
5. (Original) The capturing apparatus according to Claim 1 further comprising a means for determining a replacement timing of the birdlime.
6. (Original) The capturing apparatus according to Claim 5 wherein the means for deciding the replacement timing of the birdlime comprises a means for deciding a wound length or a remaining length of the birdlime.

7. (Original) The capturing apparatus according to Claim 1 wherein said capturing apparatus is enclosed by a cover, wherein a part of the cover is fabricated from a transparent material.

8. (Original) The capturing apparatus according to Claim 7 wherein another part of the cover is generally directed downward when the capturing apparatus is installed, said another part of the cover being fabricated from an opaque material.